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Title of Hearing ("Hearing on Certain Expiring Tax Provisions")

Article 10: PTC for the Wind industry. This industry blows around a lot of hot air and empty promises. California a state that has had wind turbines for years is a vast wasteland of abandon wind turbines. Why? It's simple the federal subsidies have been exhausted the wind developers were LLC, so they protected themselves from the decommission clause and fled the area with the truck loads of taxpayers money. "They laughed all the way to the bank". Now "run away" turbines are a common occurance in California and these huge structures are left to rot and become a financial burden on the state. A definition of insanity is doing the same thing over and over and expecting different results, if this continues to happen in California why would be put the entire United States in this losing situation? The wind developers are nothing more than modern day carpet baggers.

Home Rule: Each town has it's own unique situation. The town board members are elected by the people and represent the people that have elected them. They give each taxpayer the opportunity to express their opinion and have their voice heard. By creating the siting boards you are taking away the local voice and landowner no longer will have a voice that matters. The boards come and go but a bad decision will have a life time lasting effect. Unfortunately, these decisions don't have the ability to allow for do-overs and if they did the damage will already be done. I local voice has to be

In my research I found this article about wind, energy and common sense.

I though it was practical and applies basic arithmetic and science. We need to stop this feeding frenzy of people taking advantage of our government and our precious tax dollars before this country is bankrupt!

Which investment would be more cost effective: energy efficient light bulbs to reduce electricity demand or wind turbines to produce electricity?

Both approaches are widely touted as good for the environment but their relative cost effectiveness is seldom compared. It can be done with simple arithmetic. Assume $2 million is available to invest.

1. Energy efficient light bulbs. Home Depot is offering four (4) 14-watt compact fluorescent light (CFL) bulbs for $7.97 that are claimed to provide the same light as a 60-watt incandescent light bulb, with a projected lifetime of 8000 hours.

- Assume the price is $2 per bulb to make the arithmetic easier.

- If the bulbs were used an average of 4 hrs per day over 5 years, that would add up to 7,300 hours (365 days x 5 years x 4 hours), or less than the claimed lifetime.

- Each 14-watt compact fluorescent light (CFL) would save 46 watts per hour of use in lieu of a 60-watt incandescent bulb.

- Over a 5-year period (4 hours per day) electricity savings from a single bulb would be 335,800 watt-hours (46 watts x 7300 hours). 335,800 watt-hours = 335.8 kilowatt-hours (kWh).

- $2 million could pay for 1,000,000 of the compact fluorescent light (CFL's) advertised by Home Depot.

Using these assumptions, 1,000,000 compact fluorescent light (CFL's) could save 335,800,000 kWh of electricity over 5 years.

2. Wind Turbine. The current "rule of thumb" price for a 1 Megawatt (MW) wind turbine seems to be roughly $2 million (if installed in quantity).

- A 1 MW wind turbine operating at a generous 30% capacity factor[1] over 1 year would produce 3,066,000 kWh of electricity (1,000 kW x 8760 hours in year x 30% = 2,628,000.

- Thus, a 1 MW wind turbine operating over 20 years[2] at a 30% capacity factor could produce 52,560,000 kWh of electricity (i.e., 20 x 2,628,000 = 52,560,000).

3. **Comparison**: Based on these calculations:

   - A $2 million investment in a wind turbine would produce 52,560,000 kWh of electricity over a 20-year period.

   - A $2 million investment in compact fluorescent light (CFL's) could save 335,800,000 kWh of electricity over a 5-year period.

   - ***Therefore, the investment in CFLs would save more than 5 times as much electricity in 5 years than the wind turbine would produce in 20 years. (335,800,000 divided by 52,560,000 = 6.49.)***